

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	7	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or jug\$4 or read\$3)) and (FM with signal) and (AFC or (automatic adj frequency adj control) or AFT or (automatic adj fine adj tun\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:42
S2	7	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or jug\$4 or read\$3)) and (FM with signal) and (AFC or (automatic adj frequency adj control) or AFT or (automatic adj frequency adj tun\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/01 16:46
S3	40	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or jug\$4 or read\$3)) with signal and (FM with signal) and (count\$3 or iterat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:04
S4	12	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or jug\$4 or read\$3)) near3 signal and (FM with signal) and (count\$3 or iterat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:08
S5	12	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or jug\$4 or read\$3)) near3 signal and (FM with signal) and (count\$3 or iterat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:20

## EAST Search History

S6	23	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3) near3 signal) and (FM with signal) and (count\$3 or iterat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:22
S7	11	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3) near3 signal) and (FM with signal) and (count\$3 or iterat\$4)not S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:53
S8	306	(FM with signal) and (AFC or (automatic adj frequency adj control) or AFT or (automatic adj fine adj tun\$3)) and (software or algorithm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:46
S9	13	((predetermined or fixed or set or preset) with (number near2 time))and (FM with signal) and (AFC or (automatic adj frequency adj control) or AFT or (automatic adj fine adj tun\$3)) and (software or algorithm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:19
S10	2398	(((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3) near3 signal) same (count\$3 or iterat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:57
S11	8	"4780909"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:10
S12	0	"4780909.pn."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 08:58
S13	3	"3575662".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:12

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S14	2	"4079320".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:18
S15	2	"4282602".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:18
S16	1087	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3)near3 signal) and (counter or iterat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:21
S17	370	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3)near3 signal) same (counter or iterat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:35
S18	72	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3)near3 signal) and ((counter or iterat\$4)with (fail\$3 or meet\$3 or met))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 09:42
S19	103	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3)near3 signal) and ((count\$3 or iterat\$4)with (fail\$3 or meet\$3 or met))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 09:14
S20	30	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3)near3 signal) and (count\$3 or iterat\$4)and (flowchart or (flow adj chart) or flow-chart) and FM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 10:25

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S21	622	((predetermined or fixed or set or preset) with (number near2 time)) same (((multiple near2 time)or (number near2 time)or repeat or repetition) with (tun\$3 or detect\$4 or test\$4 or judg\$4 or read\$3)near3 signal) and (count\$3 or iterat\$4)and (flowchart or (flow adj chart) or flow-chart) not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 10:27
S22	3	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,182.1,182.2,182.3, 185.1,188.1,192.1,192.2.ccls. and flowchart and (predetermined with (number near2 time)) and (repeat or repetition or (multiple near2 time) or (number near2 time))same ((detect\$3 or read\$3 or test\$3) with signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/07 10:40
S23	11	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,182.1,182.2,182.3, 185.1,188.1,192.1,192.2.ccls. and (predetermined with (number near2 time)) and (repeat or repetition or (multiple near2 time) or (number near2 time))same ((detect\$3 or read\$3 or test\$3) with signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:22
S24	11	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,182.1,182.2,182.3, 185.1,188.1,192.1,192.2.ccls. and (predetermined with (number near2 time)) and software	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:34
S25	9	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,182.1,182.2,182.3, 185.1,188.1,192.1,192.2.ccls. and (predetermined with (number near2 time)) and algorithm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:39
S26	0	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,182.1,182.2,182.3, 185.1,188.1,192.1,192.2.ccls. and (predetermined with (number near2 time)) and percent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:40
S27	59	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,182.1,182.2,182.3, 185.1,188.1,192.1,192.2.ccls. and percent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 11:40

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S28	1	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,182.1,182.2,182.3, 185.1,188.1,192.1,192.2.ccls. and eighty near2 percent	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/02 13:16
S29	111	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,182.1,182.2,182.3, 185.1,188.1,192.1,192.2.ccls. and burst	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:40
S30	9928	FM with signal	EPO; JPO	OR	ON	2006/08/03 16:11
S31	4208	FM with signal same (test\$3 or detect\$3 or read\$3 or judg\$3)	EPO; JPO	OR	ON	2006/08/03 16:15
S32	183	FM with signal same (test\$3 or detect\$3 or read\$3 or judg\$3) same count\$3	EPO; JPO	OR	ON	2006/08/03 16:16
S33	1076	((455/185.1) or (455/186.1)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/07 10:47
S34	0	(tun\$3 with FM) and (scan\$4 near3 frequenc\$3) same ((multipl\$7 or plural\$4) near3 time) same (quality or strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 11:34
S35	4	(tun\$3 with FM) and (scan\$4 near3 frequenc\$3) and ((multipl\$7 or plural\$4) near3 time) same (quality or strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 15:53
S36	42	(tun\$3 with FM) and (scan\$4 near3 frequenc\$3) and ((multipl\$7 or plural\$4) near3 time) and (quality or strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 16:14
S37	4	(tun\$3 with FM) and (scan\$4 near3 frequenc\$3) and ((multipl\$7 or plural\$4) near3 time) same (quality or strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 16:15
S38	53	(tun\$3 with FM) and (scan\$4 near3 frequenc\$3) and ((multipl\$7 or plural\$4 or several or (number adj of)) near3 time) and (quality or strength)not S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 16:16

## EAST Search History

S39	4966	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,180.1,182.1,182.2, 182.3,184.1,185.1,186.1,187.1,188. 1,191.1,191.2,191.3,192.1,192.2, 192.3,195.1,196.1,197.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:46
S40	675	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,180.1,182.1,182.2, 182.3,184.1,185.1,186.1,187.1,188. 1,191.1,191.2,191.3,192.1,192.2, 192.3,195.1,196.1,197.1.ccls. and count and times	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:46
S41	117	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,180.1,182.1,182.2, 182.3,184.1,185.1,186.1,187.1,188. 1,191.1,191.2,191.3,192.1,192.2, 192.3,195.1,196.1,197.1.ccls. and count and (multipl\$7 or plural\$4 or (number adj of) or several) near3 times	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:47
S42	37	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,180.1,182.1,182.2, 182.3,184.1,185.1,186.1,187.1,188. 1,191.1,191.2,191.3,192.1,192.2, 192.3,195.1,196.1,197.1.ccls. and count and ((multipl\$7 or plural\$4 or (number adj of) or several) near3 time) and (quality or strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:48
S43	34	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,180.1,182.1,182.2, 182.3,184.1,185.1,186.1,187.1,188. 1,191.1,191.2,191.3,192.1,192.2, 192.3,195.1,196.1,197.1.ccls. and count and ((multipl\$7 or plural\$4 or (number adj of) or several) near3 time) and (quality or strength) not S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/14 17:50
S44	73	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,180.1,182.1,182.2, 182.3,184.1,185.1,186.1,187.1,188. 1,191.1,191.2,191.3,192.1,192.2, 192.3,195.1,196.1,197.1.ccls. and count\$3 and ((multipl\$7 or plural\$4 or (number adj of) or several) near3 time) and (quality or strength) not S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 14:54

## EAST Search History

S45	4	(tun\$3 with FM) and (scan\$4 near3 frequenc\$3) and ((multipl\$7 or plural\$4) near3 time) same (quality or strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 14:55
S46	53	(tun\$3 with FM) and (scan\$4 near3 frequenc\$3) and ((multipl\$7 or plural\$4 or several or (number adj of)) near3 time) and (quality or strength)not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 14:55
S47	73	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,180.1,182.1,182.2, 182.3,184.1,185.1,186.1,187.1,188. 1,191.1,191.2,191.3,192.1,192.2, 192.3,195.1,196.1,197.1.ccls. and count\$3 and ((multipl\$7 or plural\$4 or (number adj of) or several) near3 time) and (quality or strength) not S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 14:55
S48	110	455/150.1,161.1,161.2,161.3,164.1, 164.2,165.1,166.1,167.1,168.1,169. 1,173.1,179.1,180.1,182.1,182.2, 182.3,184.1,185.1,186.1,187.1,188. 1,191.1,191.2,191.3,192.1,192.2, 192.3,195.1,196.1,197.1.ccls. and ((multipl\$7 or plural\$4 or (number adj of) or several) near3 time) and (quality or strength) not S46 not S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/16 14:56
S49	8	(FM with tun\$3) and algorithm and program and AFC and (strength or quality)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 09:04
S50	1498417	FM and AFC and tun\$3 and stor\$3 and (strength or quality) (program or algorithm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 09:16
S51	1498364	(FM with tun\$3)and AFC and (stor\$3 with (frequency or radio)) and (strength or quality) (program or algorithm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 09:17
S52	6	(FM with tun\$3)and AFC and (stor\$3 with (frequency or radio)) and (strength or quality) and (program or algorithm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 09:17
S53	0	"0430469"	EPO	OR	ON	2006/08/17 10:10

## EAST Search History

S54	1	"430469"	EPO	OR	ON	2006/08/17 11:09
S55	379250	abs(FM and tun\$3 and stor\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:11
S56	383	(FM and tun\$3 and stor\$3).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:13
S57	240	(FM and tun\$3 and stor\$3 and (frequency or radio)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/17 11:14
S58	20	(FM and tun\$3 and stor\$3 and (frequency or radio)).ab.	US-PGPUB; USPAT	OR	ON	2006/08/17 15:30
S59	74249	instruction with execut\$3 and (signal with process\$3)	US-PGPUB; USPAT	OR	ON	2006/08/17 15:31
S60	20485	instruction with execut\$3 same (signal with process\$3)	US-PGPUB; USPAT	OR	ON	2006/08/17 15:33
S61	620	instruction with execut\$3 same (signal with process\$3) and FM	US-PGPUB; USPAT	OR	ON	2006/08/17 15:33
S62	44	instruction with execut\$3 same (signal with process\$3) and FM with tun\$3	US-PGPUB; USPAT	OR	ON	2006/08/17 15:34